

Notice of Allowability

Application No.

09/724,714

Examiner

Inder P. Mehra

Applicant(s)

CAREW ET AL.

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment dated 11/13/2007.
2. ☒ The allowed claim(s) is/are 58-114 (Renumbered as 1-57 respectively).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

1. This office action is in response to amendment dated: 11/13/2007. Based on this amendment, claims 58-114 are pending and 1-57 were previously cancelled..

Allowable Subject Matter

2. Claims 58-114 are allowed.

REASONS FOR ALLOWANCE

3. The following is an examiner's statement of reasons for allowance:

The prior art of record does not disclose, teach or suggest directly, or indirectly the following limitations in combinations with other limitations of the claims, as follows:

As recited by claim 58,

a telecommunication interface module operable to receive first telecommunication information for a first subscriber and second telecommunication information for a second subscriber circuit-switched from a telecommunication network, wherein the first and second telecommunication information is received in any of a plurality of various formats, the telecommunication interface module operable to provide the first telecommunication information and the second telecommunication information on a common bus; and

one or more packetization modules operable to receive the first and second telecommunication information from the common bus, the one or more packetization modules operable to generate first data packets for communicating the first telecommunication information to first customer premises equipment

according to a first data communication protocol associated with the first subscriber and to generate second data packets for communicating the second telecommunication information to second customer premises equipment according to a second data communication protocol associated with the second subscriber, wherein the first and second data communication protocols are selected from any of a plurality of various protocol types.

As recited by claim 72,

receiving first telecommunication information for a first subscriber circuit-switched from a telecommunication network;

receiving second telecommunication information for a second subscriber circuit-switched from the telecommunication network;

transporting the first and second telecommunication information over a common information bus;

generating first data packets for communicating the first telecommunication information to first customer premises equipment according to a first data communication protocol associated with the first subscriber;

receiving second telecommunication information for a second subscriber from the telecommunication network;

generating second data packets for communicating the second telecommunication information to second customer premises equipment according to a second data communication protocol associated with the second subscriber;

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transporting the first and second data packets over a common packet bus;
wherein the first and second data communication protocols are selected from any of
a plurality of various protocol types;
wherein the first and second telecommunication information are received in any of a
plurality of various formats.

As recited by claim 89,

a telecommunication interface module operable to receive telecommunication
information for a plurality of subscribers circuit-switched from a
telecommunication network;
a common bus operable to transport telecommunication information received from
the plurality of subscribers;
a packetization module operable to receive the telecommunication information from
the common bus, the packetization module operable to generate data packets for
communicating the telecommunication information to customer premises
equipment according to a data communication protocol associated with the plurality
of subscribers;
wherein the data communication protocol is selected from any of a plurality of
various protocol types;
wherein the telecommunication information is received in any of a plurality of
various formats.

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As recited by claim 100,

receiving the telecommunication information for the plurality of subscribers circuit-switched from a telecommunication network;

transporting the received telecommunication information over a common bus;

As recited by claim 111,

a gateway operable to associate each of a plurality of subscribers with a data communication protocol, to receive telecommunication information for subscribers circuit-switched from a telecommunication network, transport telecommunication information for each subscriber over a common bus, and to generate data packets for communicating each subscriber's telecommunication information to each subscriber's customer premises equipment according to the data communication protocol associated with each subscriber, wherein the data communication protocol is selected from any of a plurality of various protocol types, wherein the telecommunication information is received in any of a plurality of various formats;

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Inder P. Mehra whose telephone number is 571-272-3170. The examiner can normally be reached on Monday through Friday from 8AM to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Inder Pal Mehra 1/30/08

Inder P Mehra
Examiner
Art Unit 2617

Joseph Feild
JOSEPH FEILD
SUPERVISORY PATENT EXAMINER